



US Army Corps
of Engineers ®
Huntsville Center

BULLETIN

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**By Jean Pavlov
Public Affairs**

Built in 1943, the world's largest office building, the Pentagon, needed repairs. The Huntsville Center's Utility Monitoring and Control Systems-Mandatory Center of Expertise (UMCS-MCX) provided procurement and technical services for Automated Control Systems for the renovation of the Pentagon's Wedge 1 (the five 1,000,000 square foot "pie-shaped" wedges will be renovated one at a time). The work, completed in March 2001, consisted of the selection of the controls and fire alarm contractor, and preparation of design and installation requirements for the contractor to prepare a technical and price proposal.

The Pentagon Renovation Program was created in 1990 to upgrade the facility to meet necessary 21st Century DoD requirements, and replace the antiquated building systems, which had deteriorated beyond the point of economical repair. The new renovation was essential in order to meet current health, fire, life, safety, energy codes, the Americans with Disabilities Act, and regulations. To provide a safe and cost saving work environment, the facility needed reliable electrical, fire alarm/smoke control systems, air conditioning and ventilating systems. In addition, supervisory and control systems and data acquisition were needed for monitoring power and control of boilers and chillers in the Central Heating and Cooling Plant.

The MCX Lead Project Engineer, Buland Mahmood, reviewed all design submittals, performed site inspections, reviewed installation procedures, and oversaw, with Pentagon Renovation Engineers, the testing of all controls. "We award the contract, and then work with the contractor on the design and



Wedge 1, the first corner of the Pentagon to be renovated, was supported by Huntsville Center's Utility Monitoring and Control System program.

installation of all controls. In this case, it was awarded to Johnson Controls," states Mahmood.

At another level, the non-renovated parts of the Pentagon are under the management of Office of Secretary of Defense (OSD) Deputy Building Manager, Steve Carter, Sr., of the Pentagon Building Management Office (PBMO). The UMCS-MCX worked for OSD-PBMO to upgrade the existing controls in a cost effective manner to allow management of the various systems, renovated as well as non-renovated, as a single integrated and seamless system. The challenges of having software and hardware implemented while all systems remained fully operational in Wedges 2 through 5 presented unique issues and required unique solutions. The MCX met all engineering, performance, schedule, and cost controls requirements of OSD-PBMO.

The extent of the renovation of the Pentagon's Wedge I was massive. The contractors stripped all equipment, flooring and interior walls down to columns, floor slabs and external walls during the renovation of this first wedge. After this phase, the new walls,

(See Pentagon, page 4)

Earth Day demonstration held for Chapman students

By Karen Roberts
Public Affairs

Many years ago, President Franklin D. Roosevelt said, "We cannot always build the future for our youth, but we can build our youth for the future." Youth building is exactly what a team of ordnance specialists had in mind when they led an Army Earth Day demonstration for Chapman Middle School advanced math and science students.

The Earth Day event provided the students information about the Army's efforts regarding ordnance safety and cleaning up the earth, while providing real life applications for math and science.

Huntsville Center's team from the Engineering and Ordnance Directorates worked

with two noncommissioned officers from Explosive Ordnance Disposal Training Department of the U.S. Army Ordnance, Missile and Munitions Center and School at Redstone Arsenal. "Together, the Huntsville Center experts and the soldiers from EOD cooperated in an effort that was intended to inspire the students about learning while letting them have fun," said Lynn McQueen, the sponsoring teacher from Chapman Middle School.

The day's events began with a safety presentation from Sgt. 1st Class Timothy Whittaker from EOD. He showed a video to open a discussion on ordnance safety and answered questions for the students and teachers. After the video, Whittaker discussed several types of ordnance with the students and teachers. Whittaker noted, "The teachers asked just as many questions as the students."

Dan Plugge, Huntsville Center ordnance safety specialist, led the students through a mock mine field. The students were allowed to use PSS 12, Frequency Domain Electromagnetic Metal Detectors to locate the "mines."

Staff Sgt. Jeff Shaw of EOD introduced the students to a robot called the Remote Ordnance Neutralization System (RONS). Shaw explained how the robot made explosives

retrieval safer for humans. "The Army needs people who are good in math and science to become engineers and scientists to develop technology like RONS," Shaw emphasized.

Roger Young and Bob Selfridge, both of the Huntsville Center's Engineering Directorate demonstrated real life technological applications for science and math skills. They began by burying different items that represented pieces of ordnance on the nature trail behind Chapman Middle School before the students arrived. The plan was to create a grid that would allow them to locate and map the buried ordnance.

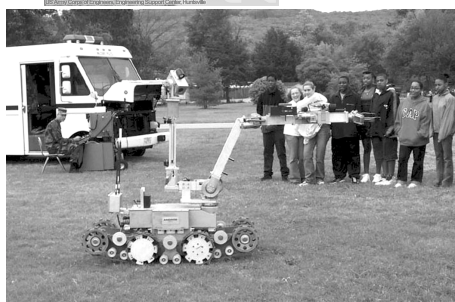
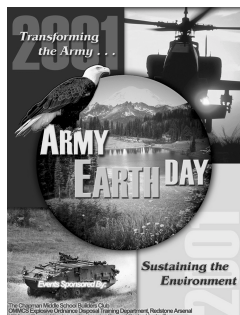
Young and Selfridge led the students through the math problems they needed to "map" and locate the ordnance. Selfridge reviewed square roots with the students while Young explained how to apply the square roots to the problem at hand.

The students used tape measures to lay out the grid. After the students took their measurements, they used Time Domain Electromagnetic Metal Detectors to collect the needed geophysical information. Selfridge downloaded the information collected from the mapping and Young showed the students a demonstration on magnetivity.

Young explained that the properties used in detecting ordnance involve magnetism, and demonstrated the procedure by producing a drawing of the earth's poles and placing a magnet in the center. He then sprinkled metal shavings around the magnet to demonstrate the concept.

"The students were good kids, and we had as much fun as they did," commented Selfridge. Young said, "I just enjoyed seeing the kids when they learned new ways to use their math and science skills. They seemed to understand how math and science are really important and not just a torture exercise from their teachers."

The teamwork for Army Earth Day provided the students benefits that neither the Corps nor EOD could have offered alone. "I would like to see more joint efforts like this one by the Corps and EOD," said Whittaker. Selfridge summed it up when he said; "The day was a great success for all who participated."



The RONS Robot was part of the ordnance removal demonstration for the Chapman students on Army Earth Day.



US Army Corps
of Engineers®
Huntsville Center

BULLETIN

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San Diego City Schools produce ordnance awareness video

By Kim Gillespie
Public Affairs

San Diego City Schools, with the help of district staff and local students, are producing an ordnance awareness video as part of a joint community and Army effort to alert students and their families to the potential presence of ordnance in the former Camp Elliot (Tierrasanta community) area.

"Having the school district and students involved with the video is true public involvement. It also promotes greater awareness of the issue because people they know and trust are part of the video. Knowing someone in the video or who helped make the video makes it much more interesting and more personal to the community," said Brad McCowan, Project Manager for the Huntsville Center Ordnance and Explosives Design Center. Ursula Kroemer, Executive Producer of videos for San Diego City Schools, offers a similar opinion: "I just love the purpose—knowing how valuable it can be to the community," said Kroemer. "I agree with the message the Army is trying to get across regarding safety, and having a video made by people who live, work, and go to school in the community makes it that much more meaningful."

The video is one of the initiatives that resulted from the Corps' first recurring review of an ordnance and explosives project, the former Camp Elliot. Recurring reviews are intended to evaluate whether ordnance and explosives removals and other risk reduction methods remain effective and continue to protect the public. The reviews are to be conducted as needed, or within five years of the conclusion of a project. The Corps concluded its investigation and cleanup of the former Camp Elliot in 1994, and several types of institutional controls, such as warning signs and educational programs have

remained in place. The recurring review was performed in 1999 and included a site investigation, stakeholder interviews, public interviews and a survey of community members.

The Corps concluded through its recurring review that the previous work and institutional controls remained protective of the public, but some initiatives to improve public awareness were suggested. "Many of the survey respondents and stakeholders expressed concern about area students receiving ordnance aware-



The jogging trails of Tierrasanta are marked by signs. This area has been proposed as a location for the school district produced ordnance awareness video.

ness information. The Tierrasanta Community Council had previously produced a video called 'Play it Safe,' but it is becoming dated and was geared towards younger children. The San Diego City Schools district representative suggested that we use the school district's video production capabilities and local students to create a new video directed towards teenagers," said McCowan.

Funding could not be made available until fiscal year 2001, so the video project did not begin in earnest until 2001. "We were contacted by ZAPATA ENGINEERING (the Corps' contractor) in January, and actual production started in March," said Kroemer.

"The proposed concept for the video is that the students from the cross country track team at the high school in Tierrasanta are running along one of the many paths in the greenbelt

or canyon areas, and when they stop to rest on a rock, one of the students spots a suspicious metal item. The students mark the area so they remember where the item is, and report it to their track coach. He tells them about the area's history and how it was once used for training by the Department of Defense, and that some dangerous ordnance items may still be found in the area," Kroemer summarizes. "The students call 911 to report the item, and the San Diego Fire Department responds. The Fire Department also provides information about the dangers of old ordnance," she concludes. The script concept was forwarded to ZAPATA ENGINEERING, and ZAPATA also helped shaped the message of the video. "We had to make sure that the video incorporated the Corps' safety guidance. Everyone was in agreement that we also wanted the older students to pass along the safety message to their younger siblings and warn younger students about the potential dangers," said Yolanda Hubbard of ZAPATAENGINEERING.

Kroemer agrees that the video is intended to make the older students the teachers to younger siblings and students. "It's different from the first video because we wanted the older students to be an example for the younger kids," she said. "This video will be viewed at the local schools, but it could also be used for other areas here in California with the same problem," added Kroemer.

According to McCowan, funding for the video's production was \$22,000. "We verified the cost estimates, and compared to many private contractors, we are getting a good deal," he said.

"We (the school district) are fortunate to have an in-house video production facility with a state-of-the-art digital editing system and broadcast-quality cameras. It will be a high quality product and we'll ensure it has

(See Schools, page 8)

utilities and state-of-the-art control systems were installed. It took three years to complete this first wedge.

In 1996 the Huntsville Center decided to use the Indefinite Delivery/Indefinite Quantity (ID/IQ) contract process to bring on board qualified control companies who could provide equipment, installation services and integration of various facility systems. The commercial sector was rapidly moving to develop "smart buildings" which would use computer based controls to manage a comfortable environment, fire protection, data communication networks, and security systems.

In addition the Pentagon designed effective controls for power, water and other utilities. These systems avert costly



From left, Steven Carter, Pentagon Building Manager; Rohollah Mahboobi, Johnson Controls Site Mgr., Buland Mahmood - lead program engineer from Huntsville Center.

repairs, and allow for "in-time" repair of equipment. This feature allows performance of repairs without undue delay, and inconvenience to the DoD Staff.

It is expected that the Energy Management and Control System at the Pentagon will look at 100,000 instrumentation points and use the information to control all the systems in the Pentagon and its Remote Delivery Facility.

"Most automated control systems present unique problems for government procurement," states John Brown, Program Manager, Utility Monitoring and Control Systems. "Price, quality, standardization of products and time are only some of the reasons that the Huntsville Center

was selected for this project."

"The Huntsville Corps of Engineers is the center of expertise for Utility Monitoring and Control Systems," states Mahmood. "When we are utilized by government agencies to the fullest extent, we save the taxpayers millions of dollars by employing in-house staff and contract vehicles which allow us to expedite work

and reduce procurement costs. We provide engineering and technical support services at a fraction of the cost outside contractors would charge the Department of Defense," he said.

Efforts are now underway to renovate Wedges 2 through 5. "It is important that the automated control systems in the Pentagon be unified. The computerized systems all need to talk to each other," states Mahmood.

"Additionally, as far as manning, training, and parts needed for the equipment, it is essential the systems be manufactured and installed by the same vendors. It is critical to install highly reliable and expandable systems. Of particular concern are life safety and security systems that we cannot allow to fail for such an important facility in our national defense structure," he concludes.

Chief's 'Strategic Vision' brochure issued

The Public Affairs office distributed Lt. Gen. Robert Flowers' "Strategic Vision Statement" to all directorates and separate offices of the Huntsville Center between April 30 and May 7. The intent was that all Directors and Office Chiefs provide each employee with a brochure and a briefing to ensure uniform understanding of the plan.

Along with the "Vision Statement," each employee should have also received a copy of Lt. Gen. Flowers' memorandum outlining the plans for the "Vision Statement" and "Campaign Plan."

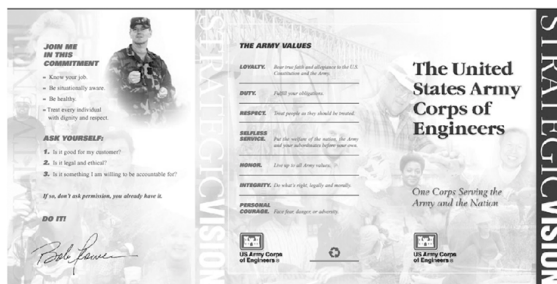
The week of May 14-18 was declared "Vision Week." This was a time to celebrate the Vision and help each of the team members take ownership of it.

The Strategic Vision and Campaign Plan documents

describe the future for the Corps and the plan to get there. To achieve the success desired by Lt. Gen.

Flowers, the Campaign Plans says, "The most important ingredient to this success is you and the people on your team." The three interdependent strategic goals are people, process, and communications.

To find out more about what our leader has planned for us over the next several years, please review the "Vision Statement" and the "Campaign Plan." They can be viewed from an internal website at <http://corpsinfo.usace.army.mil/mp/n/50th/>. (The period at the end of this URL MUST be included in the address.)



Huntsville Center leads Public Service Recognition Week

By Karen Roberts
Public Affairs

Huntsville Center used its newly created Speaker's Bureau to assist the area with Public Service Recognition Week. Huntsville Center led in coordinating volunteers and representatives from the local, state, and national governments within Madison County. The greatest number of volunteers for the Public Service Recognition Week came from within the Huntsville Center. Many employees willingly complied in response to the numerous requests for speakers from our local school systems, and speech topics ranged from ord-

I've had in a long time. The children were thoughtful, aggressive, smart and ready to interact at any level," explained Rafael-Adams. "It was fun giving

VOLUNTEER SPEAKERS FROM THE CORPS FOR PSRW

Kenneth Crutch
Glenn Earhart
Pamela Fuqua
Kim Gillespie
Judy Griggs
Laura Harbin
Brenda Hatley
Servano Lopez
April Rafael-Adams
Karen Roberts
Rob Roberts
Jean Pavlov
Margaret Simmons
Bobby Starling

speeches to children instead of adults, but the first rule in Toast masters, know your audience, surely helped," said Rafael Adams.

Brenda Hatley, from the Executive Office spoke to an Algebra class at Butler High School. She talked about the history of the Army, the Corps, and Huntsville Center. Her theme was the value of planning for the future. Specifi-

cally, she said her message for the students was, "Success did not happen

by accident for the Army, the Corps, and Huntsville Center and it won't happen for you without planning. You should begin now!"

The goal of the Public Affairs office is for the Speaker's Bureau to become a permanent, active feature of the Huntsville Center. Speakers are representing themselves and the Corps, which fits with Lt. Gen. Flowers' communication strategic objectives for the Corps. The Communication Strategy 2.2 states, "An investment in communications learning and practice is key to sustaining excellent communications."

According to Gillespie, "The Huntsville Center can have a permanent, active Speaker's Bureau year-round, but more volunteers are needed to create a diverse pool from which the community can choose."

For details about the Speaker's Bureau, contact Karen Roberts at 895-1694.

Kim Gillespie, acting Public Affairs Officer, visited with students at Westlawn Middle School. "The experience was worthwhile and fun," said Gillespie. However, she noted that she now has a new respect for teachers and feels they should all have their salaries doubled. She held a career discussion on her first day and went back the following week with other members of the Corps to assist with interviews for career day. Gerald Threat, a Westlawn teacher and one of the coordinators for Westlawn's career day said, "The children really need interaction with professionals outside of the school." He expressed his excitement that the Corps was willing to step in and assist with the task.

April Rafael-Adams, a mechanical engineer from cost engineering, was invited to Heritage Elementary School for Career Day where she discussed her career choice and education with the fifth graders. "It was the most fun

Retired Army brigadier gets Secretary of Army nod

By Joe Burlas

WASHINGTON (Army News Service, April 26) — The White House announced President George W. Bush intends to nominate retired Brig. Gen. Thomas E. White as the next Secretary of the Army on April 24.

If confirmed by Congress, the former cavalryman will become the 18th Secretary of Army since the position was created by the National Defense Act of 1947.

During his 23-year Army career, White served in a variety of command positions, including commander of First Squadron, 11th Armored Cavalry Regiment and a few years later, commander of the regiment itself in Fulda, Germany. His other assignments include executive assistant to Gen. Colin Powell and director of the Army chief of staff's Armor/Anti-Armor Special Task Force.

Shortly after retiring from the Army, White joined the Enron Operations Corporation where he currently serves as the chairman and chief operating officer.

White is a graduate of the U.S. Military Academy at West Point, N.Y.; U.S. Naval Postgraduate School, Monterey, Calif.; Command and General Staff College, Fort Leavenworth, Kan.; and the War College, Carlisle Barracks, Pa.

The Secretary of the Army is responsible for all matters relating to Army manpower, personnel, reserve affairs, installations, environmental issues, weapons systems, equipment acquisition, communications and financial management.

Building moves cause domino effect

By Jean Pavlov
Public Affairs

There are many considerations when preparing for moves in the Huntsville Center building. "Modifications to offices will go through the Space Management Committee after the requester fills out a work order on a Huntsville Center Work Request," explains Leonard Bynum, Chief of Logistics Management. "Huntsville Center Regulation 405.70 states all requests should go through the automated system on the web, with the exception of emergency items." The Space Management Committee will review all requests and make recommendations to the Commander. The Commander approves all moves and building modifications.

After a work order is submitted, it is channeled to the appropriate office (facility management, maintenance, logistics, etc.). At any time during the work order process, the status of the order can be checked by looking on the Web site.

"The big move coming up is relocating the Small Business office," states Bynum. For the move, Library staff will have to relocate to the Information Management area in order for the Equal Opportunity office (EEO) to be moved into the library. After EEO moves out, the Small Business deputy can move in to the old EEO offices.

In addition, when the library personnel move out, hard walls will then be built before the EEO moves in. Then, the old EEO office has to be reconfigured for the Small Business office.

The Contracting Files personnel and all contract files are also scheduled to move to the remaining part of the library, increasing their file space considerably. The vacated cubicles will be reconfigured for other contracting personnel.

"It's a domino effect," states Bynum "it can't all be done simultaneously –

one group must wait until the other one is totally out and the space is ready for the next move. Space is always an issue. There never seems to be enough space," he added. "However, we must always keep in mind that we are only allowed 130 square feet of office space per person plus an additional 25% for storage as per AR405-70."

Heating/Cooling system update

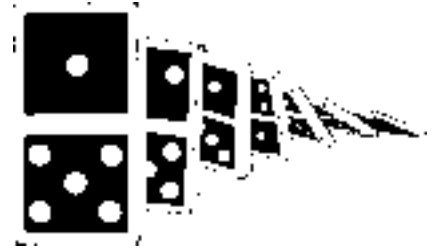
Recent renovations to the heating/cooling system (HVAC) cost the building owner more than a million and a half dollars to replace the system. However, the new system brings in more outside air than it can exhaust.

"The new exhaust system is inadequate for the job," states Bynum.

"You can tell it is inadequate by looking at the stairwell doors.

The door on the first floor is constantly open due to the force of the air that is not exiting the building. Also, when you open the door to the third floor stairwell, the second floor door moves. The contractor, system designer and system provider (TRANE) are at odds about who will fund and complete the repairs," he said.

GSA is currently working with the building owners to fix the problem.



Security Corner

Recommended security countermeasures

"Security Corner" is a security update that appears regularly in the Bulletin, courtesy of Security Officer Sue Baber, 895-1496.

The following are some recommended countermeasures to mitigate vulnerabilities associated with foreign visitors:

- Do not allow unannounced foreign visitors access to the facility. Simply tell them no one is available, and that they should schedule an appointment for another date.
- Do not allow last minute additions or substitutions to the approved visit list for access to the facility. Ask the last minute visitor to remain in the lobby while the others are permitted access. This will keep unauthorized visitors out of the facility and encourage proper visitation procedures.
- Verify personal identification against the original visit request when foreign visitors arrive to ensure their identity.
- Ensure there are sufficient escorts to always accompany the visitors.
- Ensure escorts know what requires protection from foreign visitors.
- Ensure employees are briefed as to the scope of the foreign visit and to not discuss anything beyond what is approved.
- If the visitor becomes offended when confronted with any security policy, ask the visitor to leave the facility.
- Do not permit cameras or note taking if something in the facility is "sight sensitive."

PEOPLE

Congratulations to...

Derek Torrence, son of **LTC Gerald Torrance**, has been selected as a member of the Westlawn chapter of the National Junior Honor Society, one of the highest honors that can be awarded to a secondary school student.

Kristi Javins from the Medical Programs team, announces the birth of her second granddaughter, Montanna Elizabeth Lowe, born April 9 to Kasey and Sam Lowe.

Crystal Bennett-Echols, an engineering student trainee from Systems Engineering, graduated from the University of Alabama in Huntsville with a degree in Civil Engineering. She will now begin the DA Intern Program.

Crystal Bennett-Echols and Todd Watts, both Engineering Student Trainees, were involved in the American Society of Civil Engineers (ASCE) regional concrete canoe competition. They won the regional competition that was held in March at Auburn University (knocking out about 20 other schools). They will be competing at Nationals in San Diego, Calif., this June.

Charlie Waits, son of **Ray Waits**, Safety Manager, graduated with a B.A. on May 11th from Vanderbilt University and will attend Cumberland Law School in Birmingham, AL this fall. Ray's son **Joshua Waits** graduates from Indian Springs High School in Birmingham on June 1 and will attend the University of the South located in Sewanee, TN, in the fall.

Cara Woodham, daughter of **Ruth Woodham**, Procurement Technician, Contracting, will graduate from Decatur High School this month. She will attend Gilford College in

Greensboro, N.C., in the fall and has been chosen as recipient of a Presidential Scholarship and Dean's Award. **Tracy Woodham's** scholarship was renewed at Hollins University, Roanoke, VA. She is one of the few selected for their study abroad program in London, England, spring 2002.

Kathryn Bennett, daughter of **Jim Bennett**, Quality Assurance Team Lead for the Newport Chemical Agent Disposal Facility Resident Office, will be attending Purdue University this September and majoring in Physics.

Robyn Traci Lang, daughter of **Marilyn Lang** from PDSC, received a BS in Biochemistry, Magna Cum Laude, from Oakwood College this month. Her honors include a listing in the 2000-2001 edition of Who's Who in American Colleges and Universities. She will be attending Ohio State University this fall. **Ryan Lang** will graduate from the 8th Grade at Oakwood Academy this month.

Chris McAnally, son of **Sandra McAnally**, Resource Management, graduated this month from the University of Mississippi with a BS in Mechanical Engineering. While at Ole Miss, Chris was a Chancellor's List honoree and served two years as the Vice President of the Student Chapter of the American Society of Mechanical Engineers.

Taylor Cook and Kristin Cashion, daughters of **Joel and Demetra Cashion**, Contracting, were chosen as cheerleaders for the Highland Rim School Football Team. Kristin has been selected as a state finalist representing Fayetteville, Tenn., in the 2001 Miss Preteen USA Pageant.

Sharita Humphrey, daughter of **Wanda Hampton**, of Contracting, will graduate this month from Lee High School. She will be

going on to college this fall majoring in Music and Business Administration.

Doug Grant, Structural Branch, received his MS in Civil Engineering from the University of Alabama in Huntsville.

Betsey Lynn Perry, daughter of **Alden Perry** from the Chemical Demilitarization Directorate, will graduate this month from Maryville College, Tenn., with a BS in Child Development.

Karen Perry will marry this month in Hendersonville, N.C., and is currently pursuing a Masters Degree in Counseling at Western Carolina University, N.C.

Julie Fordham, daughter of **Bill Fordham**, Cost Engineering Branch, will graduate in May from the University of Alabama in Huntsville, College of Nursing. She's a member of Sigma Theta Tau International Honor Society and a recipient of the Kathryn Crossland Scholarship.

Jenny Gibson, daughter of **Stephen Gibson**, Cost Estimating, will graduate from the University of Alabama in Huntsville this month with a degree in Nursing, and **John Gibson** will graduate ninth in his class from Lincoln High School.

Farewell to...

Clayton Turner, from the Installation Support Training Division at the Professional Development Support Center, who retired on April 30 after 32 years of federal service.

PROFESSIONAL

Congratulations to...

Sherene Rizvi, a co-op student in the Structural Branch, who has accepted an Intern Position in the Structural Branch. She graduated from the University of Alabama in Huntsville this month with a BS in Civil Engineering.

Brian Imhoff, Civil Engineer Technician, Quality Assurance Branch, Chem Demil Aberdeen Resident Office, who obtained his ACI Concrete Field Testing Technician Grade 1 Certification in April. Imhoff has been with Aberdeen Resident Office since September 1999.

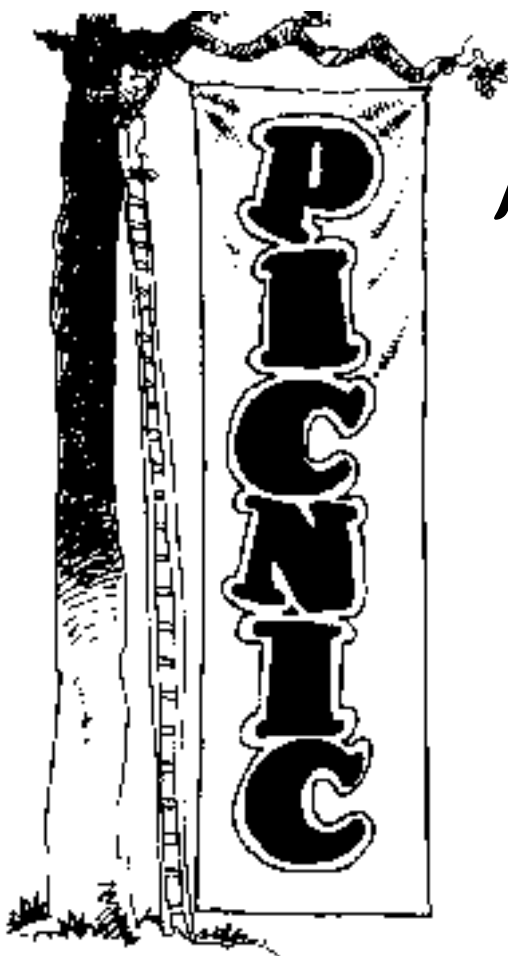
Maria Vencill, who has been awarded an MS in Acquisition and Contract Management from Florida Tech.

Maria is one of four Contracting Directorate employees to be lauded for recent accomplishments. The remaining three are:

Carol Sargent, wife of **Bill Sargent**, OE, who has graduated Summa Cum Laude from Oakwood College, BS in Organizational Management. She was inducted into the Delta Mu Delta National Honor Society and received the Achievement Scholarship given by the Adult Continuing Education Department to an outstanding student.

Susan Cunningham, who has graduated Summa Cum Laude from Oakwood College with a BS in Organizational Management. She was inducted into the Delta Mu Delta National Honor Society and received the Achievement Scholarship given by the Adult Continuing Education Department to an outstanding student.

Rebecca Vaughn, who has graduated Magna Cum Laude from Athens State University with a BS in Business Administration/Management of Technology and was inducted into Delta Mu Delta Honor Society.



Huntsville Center Engineer Day Picnic

Noon, June 22

NASA Picnic Grounds, Redstone Arsenal

*Retirees
are encouraged to
attend!!*

*Contractors
welcome!*



*Employees should contact your CEHNC Activities Association
Representative for tickets*

*Retirees and contractors should contact Kim Kirkland,
895-1502 for tickets*

Schools

(Continued from page 3)

a long shelf life by minimizing the videotaping of locations or buildings where the names could change and eventually date the video. This should be good for at least eight years, if not longer," said Kroemer.

Kroemer indicated that all footage for the video will be shot by the end of June, before the school year is complete. "School goes year round here, so we hope to have a finished product by July," she said.

"The City of San Diego and the Tierrasanta community

have been great to work with on this project," said McCowan. "When you talk about institutional controls working, you're talking about local initiatives, and this video is a great example. California state environmental regulators were also involved with the process, and they were extremely pleased with our processes, the relationships, and initiatives with this community. I hope that other projects and communities will consider using local resources to produce a product like this video," concluded McCowan.

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